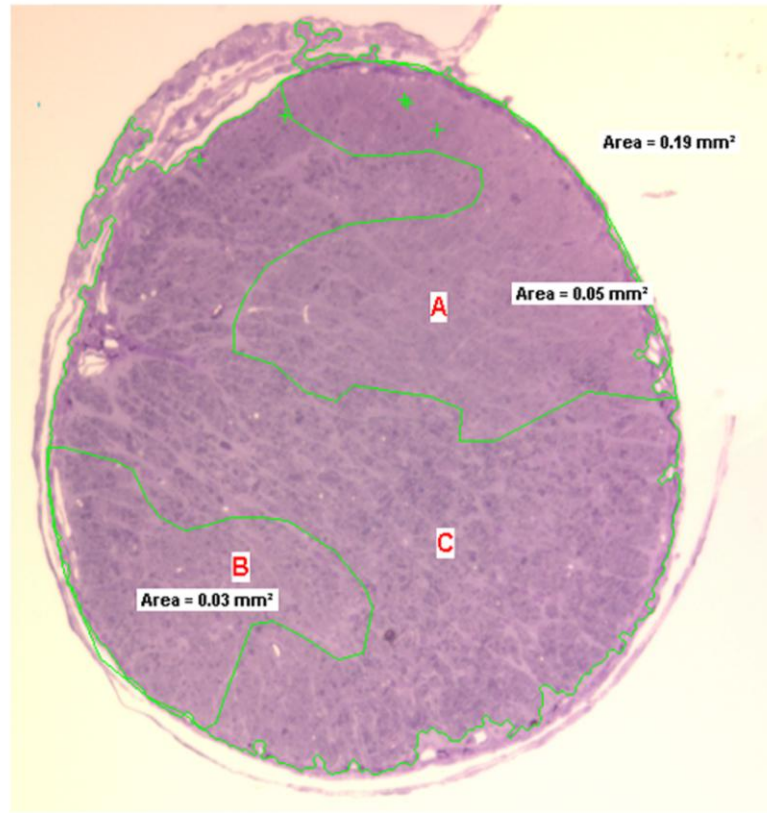
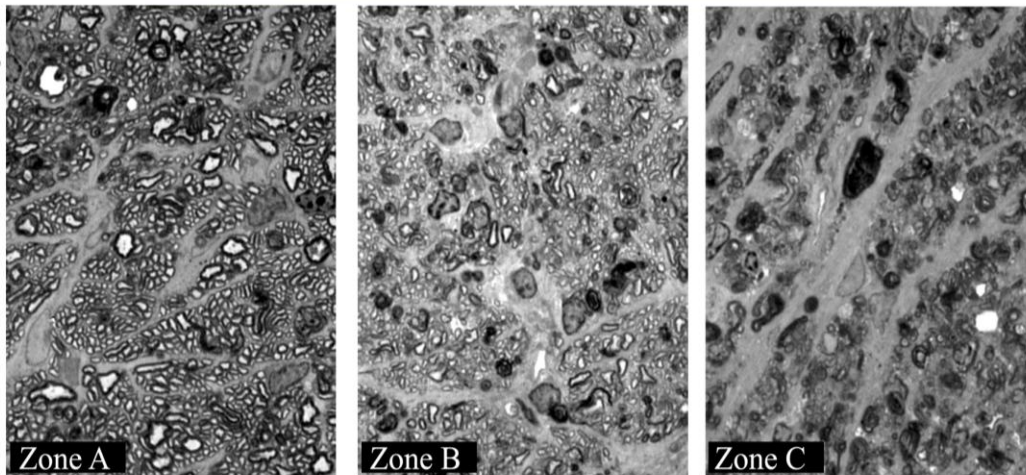


A.



B.



**Supplementary Figure S3. Damage zone identification in a glaucomatous optic nerve with three zones of relatively homogenous damage.** A semi-thin section of an optic nerve obtained 2-3mm distal to the globe was stained with toluidine blue and observed under 100x magnification (A). In this glaucomatous optic nerve, there were 3 zones which contained mutually exclusive, homogenous levels of retinal ganglion cell axonal degeneration. The area of each zone and the total cross sectional area of the entire nerve was quantified using image processing software. Higher magnification (630x) representative fields of the zones outlined in panel A are depicted in panel B and were used to quantify retinal ganglion cell axon survival in the optic nerve as described in the methods section.